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Figure 1

Gai M K R D H H H H H Q D E K T M M N E E D D G N G M D E L L A V L G Y K V R S S E M A D V A Q K L E Q L E V 54
0803 E A G G S S G G S S A D N G S C H D K V M A G A X G E E E x v | D E L L A A L G Y K V R S S D M A D V A Q K L E O L E M 60

Gai M W S N V Q E D D L S Q L A T E T V H Y N P A E L Y T W L D
0803 A W G N G G V T P P A Q R M T G S C R T W E R T K F I . . .

Figure 2b(1)

CGCGCAATGCTTAAGGTNCAGCCTACTTCGGNGCAGGCCCTGCCCGCGTC
TTCCGCTTCCGCCGCAGCGGACAGCTCCCTCGACGCCGCTCGCCGACCT
CCTCCACGCGCACTTCTACNAGTCCTGCCCTACCTCAAGTTCGCGCACTTCACCG
CCAATTAGGCCATCCTGGAGGCCGTTGCCGGCTGCCGCCGTCACGTCGTCGA
CTTCGGCATCAAGCAGGGGATGCAGTGGCCGCACCTCTCCAGGCCCTGCCCTC
CGTCCCGGCCCTCCCTCGTCCGCCCTACCGCGTCGGCCCCCGCAGCCGG

Figure 2b(2)

ACCTCCTCGTCGTCTNTNNNGTGGGGGCCAGGAGCTTATGTGGTGGAGGNTG
GCCCNCCGGTCGCACCGCNCCTACGNGACGCCCGCTGCCGGTCGTCGTGG
TCGACACCGCAGGAGGCCGGATTCGGNTGGTNACCGCGCTGCTGGNGTGCNGG
AGNCCGTGCAGCAGGAGAACCTCTCCGCCGGAGGCCTGNTGAAGNAGATAC
CCNTGCTGGCCGAGTCCCAGGGCGGAGATGNGCAAGGTNGCAGCTTACTTNG
NAGANGCCCTGCCCGCNGAGTGATTCCACTTANGCCCTGCAGCCGANAGCTCC
GTCCTCGAANCCGNTNGCCGACCTCCACGNGCACNTNTACGAGTC

Figure 2b(3)

TANTAGTCTCTCGGTGGGGGCCAGGAGCTNTGGTGGAGGCNGCCCCCG
GTCGCGGCCGCGGCCAACCGCACGCCCGCTGCCGGTCGTCGTGGTCACACG
CAGGAGGCCGGATTGGATGGTGACCGCGCTGNTGGCGTCGCCGGAGGCCGTG
AAACAGTTGAAGGNCCNCCTNNNNNCACAANNTGAAAGCCCCGNG

Figure 2b(4)

GGCTNCCNCNCGTCACGTCTCGACTTCGGCATCAAGCATGGGATGCANTGGC
NCGNACTTCTCCANGCCCTGCCCTCGTCCCGGCCCTCCCTCGTCCGCCCTC
ACCGCGCTCGGCCCCCGCAGCCGGACGAGACCACGCCCTGCANCAGGTGGGC
TGGAAAGCTCGCCCAGTTCGCGCACACCATCCCGCTGACTTCCANTACCGTGGCC
TCGTCGCCGCCACGCTCGCGGACCTGGAGGCCGTTATGCTGCANCAGGGAGGGCGA
GGAGGACCCGAACGACGGAGCCCGAGGTAATCGCCGTCAACTCAGTCTCGAGA
TGCACCGGGCTGCTNCGCANCAGGGACNCTGGAANAA

Figure 2b(5)

CAAGANGCTAATCACAACTCCGGCACATT CCTGGACCGCTTCACCGAGTCTCTGC
ANTACTACTCCACCATGTTGATTCCCTCGAGGGCGGCAGCTCCGGCGGCCGGCCC
ATCCGAAGTCTCATCGGGGGCTGCTGCTCCTGCCGCCGGCACGGACCAT
GTCATGTCCGAXGTGTACCTCGGCCGGCAGATCTGCAACGTGGTGGCCTGCGAGG
GGCGGAGCGCACANTANGCCACGCAGACNCTGGGCCAGTGGCGTAACCGGC
TGGGCAACGCCNGGTTCANNNNCGTCCACCTGGGCTCCAATGCCTACAATCAN
GCNNNCACGCTGCTGGCGCCTTCGCC

Figure 2b(6)

TCGCCANTCGGCATGGNGCCTGGCCGGCCGTGATCTCGCGAGTTTGAACGCTG
TAAGTACACATCGTGAGCATGGAGGACAACACAGCCCCGGCGCCCGCCGGCT
CTCCGGCGAACGCACGCACGCACGCACTT GGAAGAAGAANAAGCTAAATGTCAT
GTCAGTGAGCGCTGAATTGCAACGACCGGCTACGATCGATCAGGCTACGGGTGG
TTCCGTCGTCTGGCGTGAAGAGGTGGATGGACGACGA ACTCCGANCCGACCAC
CACCGGCATGTAGTAATGTAATCCCTCTTCGTTCCAGTTCTCCACCGCCTCCAT
GGATCACCCGTAAAACTCTTAAGCCCTAATTATNNACTAACTAATTATGTTTAA
AATGTTCTAATTAAATTGGCTATGTTGTAATNCCTCCAAACCGGCTCATTTCAA
NATTAAGCCACGGGCCCGAACCTTGGTTAACAAACCTCCNATTGAAAATTNA
AATNGAAATTGGTTNC

Figure 2b(7)

GTTGGTGGNGGCATTGGGTACAAGGTGCGCGCCTCCGACATGGNGGANGTGG
GGCAGAACGCTGGAGCAGNTCGAGATGGCCATGGGATGGNGGCGTGGCGCT
GGCGCCGCCCTGACGACAGGTTNGCCACCGCNGGCCGGACACNGTCANT
ACAACCCCACNGACNTGTCGTCTGGGTGAGAGCATGCTGTCGGAGCTAAANG
AGCCGCNGCCGCCCTCCGCCCGCCCCGAGCTAACGCCTCCACCTCCTCCAC
CGTCACGGCAGCGCGCTACTTCGATAACCCCTCC

Figure 2b(8)

TGATGGNGGAGNTTANGGTTANAAATGTGGGGANTCCGAANNGGTGAGG
ANATATNNTCAGAACGTTGGAGCAGATGAGAGATNGCTGATGGGATAGGGTAGG
NGTGGGTGCCGGTGCNGCCCCNAGGANAGATTGCCACCCACTTAGCAAGTGG
ANACCGTGGATTACNACCCCACAGACCTGTCGTGGTTGGGTTGAGAGCGTGGT
TGGGAGCTGAACGGCNGCGCGTGCCTCCGCCGCCGAGCTAACGCC
TCCACCTCCTCCACCGTACACGGCAGCGGGCTAGTTGATCTCCGCC
GTCGACTCCTCCAGCAGCATNTANGCGTGCAGCCGATCCCTNCCAAGCNGC
GNNGNCCGAGCGTGTAN

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Figure 2b(9)

TTTCANTTNCNTCTTTCTCTTTCCAACCCCCGGCCCCNGACCCTGGAT
CCAAATCCCAGAACCGCCCCCAGAACCGAGGCAAGCAAAAGNTTG
CGCCAATTATTGGCCAGAGATAGATAGAGAGGGAGCGGGCGGTGGCGGCATGGGT
AGCGGGAGTACCAAGGACGCCGGAGGGAGCGGGCGGTGGCGGCATGGGT
TCGTCCGAGGACAAGATGATGGTGTGGCGGGCGGGAGGGAGGAGGT
GGACGAGCTGCTGGCGCGCTGGGTACAAGGTGCGCGCCTCCGACATGGCGGA
CGTGGCGCAGAAGCTGGAGCAGCTGAGATGGCATGGGATGGCGCGTGGG
CGCCGGCGCCGCCCCGACGACAGCTCGCCACCCACCTGCCACGGACACCGTG
CAGTACAACCNCNNNGACC

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Figure 2b(10)

GGACGACGACCTCCGAGCCGACCACCGCATGTAGTAATGTAATCCCTCTT
CNTTCCCAGTNCTCACCGCCTCCATGATCACCGTAAAACCTCAAGCCCTATT
ATTACTACTATTATGNTAANTGTCTATTATTGCTANGTGTAAATTCCCTCAACCGC
TCATATCAAATAAGCACGGGCCGGACTTGTANAGCTCCAATGAGAATGAA
ATGAATTGTACGCAAGGCACGTCCAAAACTGGGCTGAGCTTGTCTGGTCTG
TTATGTCATGGTGTCACTGCTCTGATGAACATGATGGTGCCTCCAATGGTGGC
TTGCAATTGTTGAAACGTTGGCTGGGGACTTGNGTGGGTGGGTGCATGGGG
ATGAATATTACACATCNCCGGATAAAATTAAGCCATCCCCTGGCCGTCTTGA
ATANCTGCCNAAACGAAATTCCCCCNATC

Figure 2b(11)

AAANCCTANAANATATAGAGGCGATGTNGCNCCCCNATCANNACNGGATTACN
GNAACNCCNGAAGGAGCGGCGGCGGTGGCAGCATNGGCTCGTCCGATGACA
AATATCATGGTGTGGCGGCGGGGGACGGGGAGGAGGTGCACAACNTTNG
GCGGGACTCGNGTACCACTGNAACGGTGCCTNGNGGATNTGGCCCTNGAA
GATGGGCCACCTCCAAA

Figure 2b(12)

CGGCGGCCCGTGGCGGCATGGGCTCGTCCGAGGACNAGATGATGGTGTGGCG
GCGGCGGGGGANGGGATGATGTGGACTATCTGCTGGCGCGCTGGGTACAAG
GTGCGCGCCTCCGACAGGCGGAGCCCGCGCATAACTGGAGCCGCTCGAGATGGC
CNTGGGGATNGGCGGCNTGGCNCCNGCGCCTCCCCG

Figure 2b(13)

TGGNGCTCGGGTGNCCGTGCGCGCCTCCGACATGGCGGGACGTGGCGCAGAAC
TGGAGCAGCTCGAGATGGCCATGGGATGGCGCGTGGCGCCGGCGCCGCC
CCGACGACAGCTCGCCACCCACCTCGCCACGGACACCGGCACACAACCCACCG
ACCTGTCTGGTCGAGAGCATGCTGTGGATTCNACGCGCCNCCNGCC
CCTCCCGCCCCGC

Figure 2c(1)

ANNTTGTNCNNNNTACATCCCATGNGCCGCGCNATGCTNAAGGTGCCGCCTACT
 TCGGCGCAGGCCCTGCCGCCGCGTCTTCGCTTCCGCCAGCCGGACAGCT
 CCCTCCTCGACGCCGCTTCGCCGACCTCCTCCACGCCACTTCTACGAGTCCTGC
 CCCTACCTCAAGTTCGCGCACTTCACCGCCAACCAGGCCATCCTGGAGGCCTCG
 CCGGCTGCCGCCGCGTGCACGTCGTGACTTCGGCATCAAGCAGGGGATGCAGT
 GGCCCGCACTTCTCCAGGCCCTGCCCTCCGGCCCTCCCTCGTCCGC
 CTCACCGCGTTCGGCCCCCGCAGCCGACGANAACGACGCCCTG

Figure 2c(2)

NTTCCCCGGCAGTTAAAAGCNTCCACTTCTCCACCGTCACGGGAGCGGCGGNT
 ACTTNGATCTCCCGCCCTCAGTCGACTCCTCCAGCAGCATCTACGCGCTGCAGGCC
 GATCCCCCTCCCCGGCCGGCGACGGGCCGGGACCTGTCCGCCACTCCGTG
 CGGGATCCAAAGCGGATGCGCACTGGCGGGAGCAGCACCTCGTCATCCTCCT
 CATANTCGTCTCTCGGTGGGGCGCCAGGAGCTCTGTGGTGGAGGCNGCCCCGCC
 GGTGCGGGCCGGCAACCGGACGCCGCTGCCGTGCGTGGTCGACAC
 GCAGGAGGCCGGATTGGATGGTGACGCCGTGNTGGGTGCGGGAGGCCGT
 GNAAGCAGTTNGAAGGGCTNCGCCGTGNATNNCGAACAAANNNGGAAGNCCN

Figure 2c(3)

CANCCCGCTGNTGCCACCTCGGCATGGCGCCTGGCCGGGCGTGATCTCGCGAG
 TTTGAACGCTGTAAGTACACATCGTGAGCATGGAGGACAACACAGCCCCGGCG
 GCCGCCCCGGCTCTCCGGCGAACGCAKGACGCCGACTTGAAGAAGAAGAAG
 CTAAATGTATGTCAGTGAGCGCTGAATTGCANCGACCGGCTACGATCGATCGG
 GCTACGGGTGGTCCGTCTGGCGTGAAGAGGTGGATGGACGACGAACCTCC
 GANCCGACCACCACCGGATGTAGTAATGTAATCCCTCTCGTCCAGTTCTC
 CACCGCCTCCATGATCACCCGTAAAACCTTAAGCCATNNNTACTACNATT
 AATGTTTAAANTGTTCTANTAAATTGCTATGNTGTTATTNCC

Figure 2c(4)

TATCGAAGTAGCCGCCGCTGCCNTGCACGGTGGAGGAGGTGGAGGCCTGAGC
 TGCGGGGGCGGGCGGGAGGGGGCGGCCGGCACGTTNAGCTCGACAGCATGCTC
 TCGACCCAAAACNACAGGTGGTGGGGTTGTAGTGACGGTGTCCGTGGCGAGG
 GGGTGGCNAANCTGTCGTCAAGGGCGGCCNGCGCCACNCCGCCATCCCCA
 TGGCCATCTCGANCTGCTCCAGCTTCTGCGCCACTTCCNCCATGTCNGATGCGCG
 CNCCTTGTACCGA

Figure 2c(5)

ACGGCGCGGCCNCGNNGCTGGGAGGGGATCGGCCGCAGCGCNTANATGCTG
CTGGAGGAGTCGACGGAGGGCGGGAGATCGAACTAGCCGCCGCTGCCGTGTAC
GGTGGAGGAGGTGGAGGCAGTGCAGCTGCCGGCGGGAGGGCAGCNGCT
GCACGTTNAGCTCCCACACCACGTCTCAACCCAACCACGACNCGTCTGTGGGG
TNGTAAATNCACGGTNTCCCTNGCTANGTGGGTGGCCAATCTNT

Figure 2c(6)

CACGGTGTCCGTGGCGAGGTGGTGGCGAAGCTGTCGTGGGGCGGCCGGC
GCCACGCCGCCATCCCCATGGCCATCTCGAGCTCCAGCTTCTGCCACG
TCCGCCATGTCGGAGGCAGCCTTGACCCGAGCGCCAGCAGCNGC
ACCTCCTCCCCCTCCCCGCCGCCGACACCATCATCTTGTCCCTGGACGANCC
CATGCCGCCACCGCCGCCGCTCCCGTCTGGTACTCCGCTTCATG
ATCCGCGAGCTACCTCGCCTCTATCTATCTGGCCAATAATTGCGCA

Figure 2c(7)

GACCACCACCGGCATGTAGTAATGTAATCCCTTCTCNTCCCAGTTCTCCACCGC
CTCCATGATCACCGTAAAACCTCTAACGCCATTATTACTACTATTATGNTAA
ATGTCTATTATTGCTANGTGTAAATTCTCCAACCGCTCATATCAAATAAGCACG
GGCCGGACTTGTAGCAGCTCCAATGAGAATGAATTGGTACGCAAGGC
ACGTCCAAAACGGCTGAGCTTGTCTGTTATGTTATGTCATGGTGTCACTG
CTCTGATGAACATGATGGTGCCTCCAATGGGTGGCTTGCAATTGTTAACGTT
TGGCTTGGGGACTGGTGNNTGGTGCATGGGAATGAANATTCCACATCCNCNG
GAATTAAAATTAGCCCATCCCG

Figure 3a

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Figure 3b

PRETTYBOX of: My.Msf{(*)} August 7, 1997 13:06:42.76

Gai	ERRGSSRIM	KRDHHHHHQ.	GGGGGGGGS	KKTWMMNEED	VLGYYKVRSSSE	41
Rht	REYQDAGGS	KREYQDAGGS	GGGGGGGSE	DKMMVSAAG	EGEEVDELLA	60
Gai	MADVAQKLEQ	LEVNES.	NVQEDD	LSQLATEVH	DSMLEDNPP	93
Rht	MADVAQKLEQ	LEMAGEMGGV	XHPXAAADTVX	YNPAELYTWH	DSMLELSEXP	120
Gai	PPPLPPAPQL	NASTVTGSGG	YXDLPSSVDS	SNAEYDKEKAI	IDSSASSSNQ.	123
Rht	XPPPLPPAPQL	SSSSSXSSL	GGGARSSVVE	PSPAGATAPA	DLSADSVRDP	180
Gai	GGGGDT	YTINKRLKCS	NGVVE	AESTRHVVUV	DSQENGVRLV	169
Rht	KRMRTGGSST	QKENLTVAEA	LVKQIQGLEAV	PGDAILNOFA	DSQENGVRLV	240
Gai	HALLACEAV	QKENLSEAEN	LVKQIQPLEAA	ATPALPVVUV	DTQEAGIRLV	240
Rht	HALLACEAV	QQENLSEAEN	TYFGEALAR	DSQENGVRLV	DTQEAGIRLV	240
Gai	SPIDHSISDT	LQMHFYE TCP	SOIGAMRKVA	IYRLSPSQDS	227	
Rht	SLDDAAFDL	LHAHFYESCP	SQGGMAMRKVA	VFRFRQPDSD	300	
Gai	QALALRPGGP	PVFRLTGIGP	QALEAFQGK	KRVHVIDFSSM	SQGLQWPALM	287
Rht	QALALRPGGP	PSFRLTGVGP	QALEAFAGC	RRVHVVDFFI	KQGMQWPALM	360
Gai	DASMLELRPSS	EIES.	AVNSVFELHK	EATHWEFEYR	GFVANTLADDL	347
Rht	EPFMQPEGE	EDPNEXPVVI	AVNSVFEEMHR	HTIRWDQYR	GLVAAATLADDL	420
Gai	ESNHNSPIFL	DRETESLHYY	LLGRGAIDK	VLG.VVNQIK	PEIEFVVETQ	400
Rht	EANHNSCTFL	DRFTESLHYY	LLAQPQGALEK	VIGHRAAPPCC	PEFXTVVETQ	480
Gai	LGKQICNVVA	CDGPDVERH	STLFDSLEGV	PSGQ.SSGGGPSEVS	DKWMSSEVY	442
Rht	LGKQICNVVA	CEGAERTXRH	STMFDLEG	SGAAAAPAAA	GTDQVXSEVY	540
Gai	YRVEESDGCL	MLGWHTRPCLI	GSAGFAAAHI	GSNAFKQASSM	LLALENGGEG	502
Rht	LXVEEKEGCL	TLGTLHTXPLI	GNAGFETVHL	GSNAKYQAXT	LLALELAGGER	600

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Figure 4a

ACGCGTCCGGAAAGCCGGCGGGAGCAGCGGCCGGAGCAGCGCCGATATGGG
GTCGTGCAAGGACAAGGTATGGCGGGGGCGCGGGGGAGGAGGAGGACGTCT
ACGAGCTGCTGGCGGCCTCGGTACAAGGTGCGGTGTCGACATGGCCGACG
TCGCGCAGAANCTGGAGCAGCTGGAGATGGCCATGGGGATGGCGGCGTGAGCG
CCCCCGGCGCCGCGGATGACGGGTTCTGTGTCGACCTGGCACGGACACCGTGC
ACTACAACCCCTCGGACCTCTCCTCCTGGGTTCTNGAGAGCATGCTTCGGAGTTA
AAGGCGCCGTTGCCCCTTATCCGCCAGGCGCCGGCTGCCCCCATGCTTT
CCAACTTCGTCCACTGTCACCGCGGGTGGTAGCGGCTCTTGAANTCCCAG
CCGCTGCCGANTCGTCGAGTAGCACNTACGCCCTCAGGCCGATCTCCTTACCGGT
GGTGGCGACGGCTGACCCGTCGGCTGCTGACTCGGCAGGGACACCAAGCGGAT
GCGCACTGGCGGCGGCAGCACGTCGTCGTCTCATCGTCGCTTCCTCTGGGC
GGTGGGGCCTCGCGGGCTCTGTGGTGGAGGCTGCTCCGCCGACGCAAGGG
GCCGCGGCGGCGAATGCGCCCGCCGTGCCGGTTGTGGTGGTTGACACGCAGGAG
GCTGGNATCGGGCCTGGTGC

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Figure 4b

Wheat	IERRGSSRIM	KREYQDAGGS	GGGGGGGGSE	DKMENMSAAG	EGEREVDELLA	ALGGYKVRAASD
Rice	.....	TRPEAGGSSG	GGSSADMGS	KDKWMAAAC	EEDDVDELLA	ALGGYKVRSSE
Gai	....W	KRDHHHHHQD	.....	KRTENMNEEPI	EGNMGMDELLA	50
					VLGYYKVRSSE	41
Wheat	MADVAQKLEQ	LEMANGGGV	CAGAAPDROV	XHPXAADTUX	YNPTDXSSWV	ESMLSELXEP
Rice	MADVAQXLEQ	LEMANGGGV	SAPGAADDGF	VSHLATDTVH	YNPSDLSSWV	ESWLSELKAP
Gai	MADVAQKLEO	LEMMEWS	.....	LNQLEDD	YNPAELEYTVH	ESWLSELNPP
						120
Wheat	XPPPLPPPAPQ	LNAISPTSS	TVTGSGGY	XDLPPSVDS	SSIYALRPPIP	SPAGATAPAD
Rice	LPPLPPGAAG	LPAMLSPTSS	TVTGGGSSG	FEXPAAXSS	SSIYALRPIS	LPVUVATADPS
Gai	.....	.....	.....	.....	NAYYDLIKATIP	GDAILN...Q
					C5NGVETTT	112
Wheat	LSADSURDPK	RMRGGSSSTS	SSSSXSSSLG	GGA.RSSSVE	APPVAAA	ANATPALPVV
Rice	AADSARDTR	RMRGGGISTS	SSSSXSSSLG	GGASRGSSVE	APPATQGAA	ANANAPAUPVY
Gai	FATDSA	.....	.....	DTYTTTNKRWK	CSNGVETTT	229
					ATANESTRHVV	157
Wheat	VVDTQEEFAG	IRLVHALDAC	AEAVQQENLS	AAEALVKQIIP	LAAASOGGAM	RKVAAAYFGEA
Rice	VVDTQEEFAG	IRLVHALDAC	XEAVQQENE	VAEALVKQIIP	FLAVSOGGAM	286
Gai	TVDSQEEENG	IRLVHALDAC	AEAVORENT	VAEALVKQIIG	FLAVSOGGAM	258
					RKVAAAYFGEA	215
Wheat	LARRVFRFRP	QPDSSLLDAA	FADLHAAHY	ESCPYLKFAH	PTANQAILEA	FACCRRVHV
Rice	LARRIYRLSP	SO.SPIEDHS	ISDELOMHFY	ETCPYLKFAH	PTANQAILEA	FACCRRVHV
Gai	.....	.....	.....	.....	FOGKKRVHV	346
					.....	258
Wheat	DEGIKOGMOM	PALLOQALAIR	PGGPPSFRLT	GVGPPQPDDET	DAEQQVGWKL	AQFAHTIRVD
Rice	DESMODQLOW	PALLOQALAIR	PGGPPVFRLT	GI GPPAPDNF	DYEHEVGCKL	AHLAEAIHVE
Gai	.....	.....	.....	.....	FOGKKRVHV	406
					.....	258
Wheat	FQYRGLVRAAT	LADLEPFMLQ	PEGGEDPNEX	PXVIAVNSVF	EMHRLLAQPG	ALEKVLGHRA
Rice	FYIYGFVANT	LADDIDASMLE	LRPSEIES	.....	ELHKDLGRPG	AIDKVVLG.VV
Gai	.....	.....	.....	.....	.....	333
						466
Wheat	PPCGPEFXV	VE TOEANHNS	GTFLDRTES	LHYYSTMFDSD	LEGGSSEGGP	SEVSSGAAA
Rice	NOIKPEIIFTV	VE.QESNHNS	PIFLDRFTES	LHYYSTLFDSD	LEGVPSGQ	.....
Gai	.....	.....	.....	.....	.....	258
					.....	434
Wheat	PAAAGTDQVX	SEVYLGROIC	NUVACEGAER	TXRHETLGQW	RNRLGNAAGE	TVHLGSNAYR
Rice	.....	DKVW	NUVACDGDR	VERHETLSQW	RNRFGSAGFA	AAHIGSNAFK
Gai	.....	.....	.....	.....	.....	586
						258
Wheat	OAXTLLALEA	GGERLXWEEK	EGCLTLGLHT	XPLIATSAWR	LAGP630	488
Rice	ONSMELLAIEN	GGEGYRVEES	DGCLMIGHHT	RPLIATSAWK	ESTN532	
Gai	.....	.....	.....	.....	.....

Figure 5

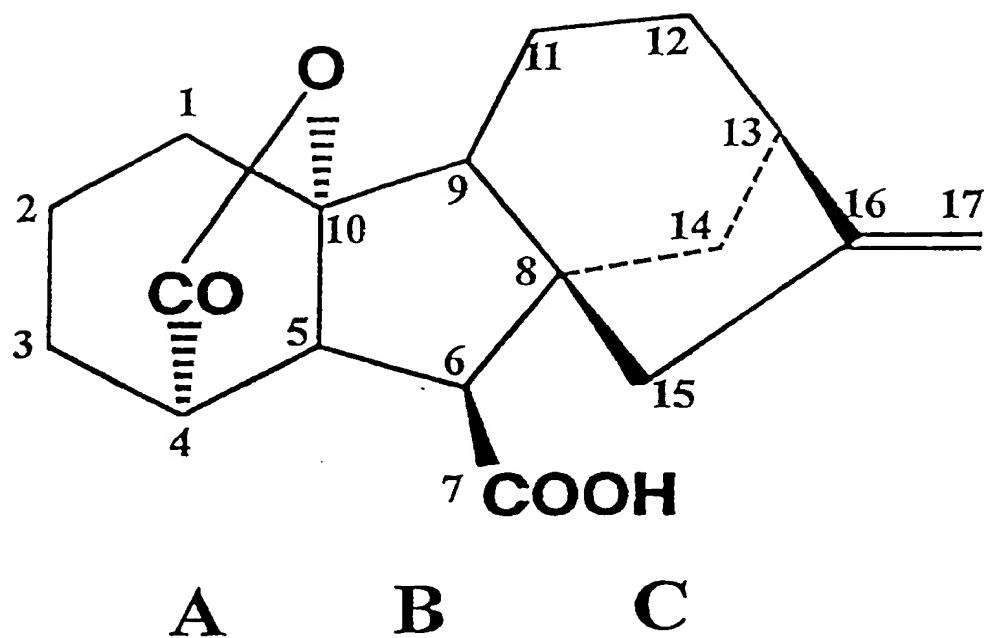


Figure 6a

GTCGACCCACCGTCCGGAAAGCCGGCGGGAGCAGCGGCAGCGGCC
GATATGGGGTGTGCAAGGACAAGGTGATGGCGGGGGCGCGGGGGAGGAGGA
GGACGTCGACGAGCTGCTGGCGCGCTCGGGTACAAGGTGCGGTGTCGACAT
GGCGACGTCGCGCAGAAGCTGGAGCAGCTGGAGATGGCATGGGATGGCGG
CGTGAGCGCCCCCGCGCCCGGATGACGGGTTGTCGACCTGGCACCGGA
CACCGTGCACTACAACCCCTCGGACCTCTCCTCCTGGGTGAGAGCATGCTTCC
GAGCTCAACCGCGCCGCTGCCCCCTATCCCAGCGCCGCGCTGCCGCATG
CTTCCACCTCGTCCACTGTACCGCGGGCGGTGGTAGCGGCTTCTTGAACCTCC
AGCCGCTGCCGACTCGTCGAGTAGCACCTACGCCCTCAGGCCGATCTCCTACCG
GTGGTGGCGACGGCTGACCCGTCGGCTGCTGACTCGCGAGGGACACCAAGCGG
ATGCGCACTGGCGGGCAGCACGTCGTCCTCATCGTCGTCTCCTCTGG
GCGGTGGGGCCTCGCGGGCTCTGTGGTGGAGGCTGCTCCGCCGCGACGCAAG
GGGCCGCGGCCGCGAATGCGCCGCCGTGCCGGTTGTGGTGGTGAACACGCAAG
AGGCTGGGATCCGGCTGGTGCACGCGTTGCTGGCGTGCAGCGAGGCCGTGCAGC
AGGAGAACTTC

Figure 6b

RPTRPEAGGSSGGSSADMGSCKDKVMAGAAGEEEDVDELLAALGYKVRSSDMAD
VAQKLEQLEMAMGMIGGVSAPGAADDGFVSHLATDTVHYNPSDLSSWVESMLSELN
APLPIPPAPPALARHASTSSTVTGGGSGFFELPAAADSSSTYALRPISLPVVATADPS
AADSARDTKRMRTGGGSTSSSSSSSLGGGASRGSVVEAAPPATQGAAAANAPAVP
VVVVDTQEAGIRLVHALLACEAEAVQQENF

Figure 7a

Figure 7b

ARSSVVEAAPPVAAAANATPALPVVVVDTQEAGIRLVHALLACEAVQQENLSAAE
ALVKQIPLLAASQGGAMRKVAAYFGEALARRVFRFRPQPDSSLDAAFADLLHAHF
YESCPYLKFAHFTANQAILEAFAGCRRVHVVDFGIKQGMQWPALLQALALRPGGPPS
FRLTGVGPPQPDETDALQQVGWKLAQFAHTIRVDFQYRGLVAATLADLEPFMLQPE
GEEDPNEEPEVIAVNSVFEMHRLLAQPGALEKVLGTVRAVRPRIVTVVEQEANHNSG
TFLDRFTESLHYYSTMFDSELGGSSGGPSEVSSGAAAAPAAAGTDQMSEVYLGR
QICNVVACEGAERTERHETLGQWRNRLGNAGFETVHLGSNAVKQASTLLALFAGGD
GYKVEEKEGCLTLGWHTRPLIATSAWRLAGP

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Figure 8a

ATAGAGAGGCAGGGTAGCTCGCGGATCATGAAGCGGGAGTACCAAGGACGCCGG
 AGGGAGCAGCGGGCGGGCATGGGCTCGCCAGGGACAAGATGATGGT
 GTCGGCGGGCGGGGGAGGGGGAGGGAGGTGGACGAGCTGCTGGCGCGCTCG
 GGTACAAGGTGCACGGCTEEGACATGGEGGAACGTGGGGAGAAGCTGGAGCAGC
 TCGAGATGGCCATGGGGATGGCGCGTGGCGCCGCCGCCCCGACGACA
 GCTTCGCCACCCACCTCGCCACGGACACCCTGCACACTACAACCCCACCGACCTGTC
 GTCTTGGGTGAGAGCATGCTGTCGGAGCTCAACCGCCGCCGCCCTCCCG
 CCCGCCCGCAGCTAACGCCTCACCTCCACCGTCACGGGAGCAGGGCGGCT
 ACTTCGATCTCCGCCCTCCGTCACCTCCAGCAGCATCTACGCGCTGCGGCC
 GATCCCCCTCCCCGGCGCGACGGCGCCGCCACCTGTCCGCCACTCCGTG
 CGGGATCCCAAGCGGATGCGCACTGGCGGGAGCAGCACCTCGTCATCCTCCT
 CCTCGTCGTCTCGGTGGGGCGCCAGGAGCTCTGTGGTGGAGGCTGCCCGCC
 GGTGGCGGCCGCCAACCGCACGCCCGCGCTGCCGGTCGTGGTGGAGGCGT
 GCAGCAGGAGAACCTCTCCGCCGCCAGGGCGCTGGTAAGCAGATAACCTTGCT
 GGCGCGTCCCAGGGCGCGATGCGCAAGGTGCCGCTACTTCGGCGAGGC
 CCTCGCCCGCCGCGTCTCCGCTTCCGCCAGGCCAGCAGCTCCCTCGAC
 GCCGCCTCGCCGACCTCCTCACCGCACCTCTACGAGTCCTGCCCTACCTCAA
 GTTCGCGCACTTCACCGCAACCAGGCCATCCTGGAGGCGTTGCCGGCTGCCGC
 CGCGTGCACGTCGTGACTTCGGCATCAAGCAGGGATGCACTGGGCCGACTTC
 TCCAGGCCCTCGCCCTCCGTCCGGGCCCTCCCTCGTCCGCCCTCACCGCGTC
 GGCCCCCGCAGCCGGACGAGACCGACGCCCTGCAGCAGGTGGGCTGGAAGCTC
 GCCCAGTTCGCGCACACCATCCGCGTCGACTTCAGTACCGCGGCCGTCGCG
 CCACGCTCGCGGACCTGGAGGCCATTGCTGCAGCCGGAGGGCGAGGAAGACC
 CGAACGAGGAGCCCGAGGTAATGCCGTCAACTCAGTCTCGAGATGCACCGGC
 TGCTCGCGCAGCCGGCCCTGGAGGAAGGCTCTGGCACCCTGCGCCGCGTGC
 GGCCCCAGGATCGTCACCGTGGAGCAGGAGGGAATACAACACTCCGGCACAT
 TCCTGGACCGCTCACCGAGTCTCTGCACTACTACTCCACCATGTTGATTCCCTC
 GAGGGCGGCAGCTCCGGCGGCCATCCGAAGTCTCATGGGGCTGCTGCT
 GCTCCTGCCGCCGCCAGGACCGACAGGTATGTCCGAGGTGTACCTCGGCCGG
 AGATCTGCAACGTGGTGGCCTGCAGGGGGCGAGCGCACAGAGGCCACGAGA
 CGCTGGGCCAGTGGCGGAACCGGCTGGCAACGCCGGTTGAGACCGTCCACC
 TGGGCTCCAATGCCTACAAGCAGGGAGCAGCAGCTGCTGGCGCTCTCGCCGG
 CGACGGCTACAAGGTGGAGGAGAAAGGAAGGCTGCGTACGCTGGGGTGGCACAC
 GCGCCCGCTGATGCCACCTCGGCATGGCGCTGGCGGCCGTATCTCGCGAG
 TTTGAACGCTGTAAGTACACATCGTAGCATGGAGGACAACACAGCCCCGG
 GCCGCCCGGCTCTCGGCAGCAGCACGACGCACTGAAGAAGAAGAAG
 CTAATGTCATGTCAGTGAGCGCTGAATTGCAAGCAGCGACCGCTACGATCG
 ATCGGGTGGTCCGTCGAGAGGTGGATGGACGACGAACCTCCG

Figure 8b

MKREYQDAGGSAGGGGGMGSSEDKMMVSAAGEGEDEVDELLAALGYKVRASDM
 ADVAQKLEQLEMAMGMGGVGAGAACPDPSFATHLATDTVHYNPTDLSSWVESMLS
 ELNAPPPPLPPAPQLNASTSSTVTGSGGYFDLPPSVDSSSIYALRPIPSAGATAPADL
 SADSVRDPKRMRTGGSSSTSSSSSSSLGGGARSSVVEAAPPVAAAANATPALPVVV
 VDTQEAGIRLVHALLACEAVQQENLSAAEALVKQIPLLAASQGGAMRKVAA
 YFGE
 ALARRVFRFRQPDSLLDAAFADLLHAHFYESCPYLKFAHFTANQAILEAFAGCRR
 VHVVDFGIKQGMQWPALLQALALRPGGPPSFRLTGVGPPQPDETDALQQVGWKL
 QFAHTIRVDFQYRGLVAATLADLEPFMLQPEGEEDPNEEPEVIAVNSVFEMHRLLAQ
 PGALEKVLGTVRAVRPRIVTVVEQEANHNSGTFLDRFTESLHYSTMFDLEGSSG
 GGPSEVSSGAAAAPAAAGTDQVMSEVYLGRQICNVVACEGAERTERHETLGQWRN
 RLGNAGFETVHLGSNAYKQASTLLALFAGGDGYKVEEKEGCLTLGWHTRPLIATSA
 WRLAGP

Figure 9a

TTTCGCCTGCCGCTGCTATTATAATTGCCTTCTGGTTCCCCGTTTCGCCAG
CCGCTTCCCCCTCCCCCTACCCCTTCCCTCCCCACTCGCACTCCAACCCCTGGAT
CCAAATCCCAAGCTATCCCAGAACCGAAACCGAGGGCGCGAAGCCATTATTAGC
TGGCTAGCTAGGCCTGTAGCTCCGAAATCATGAAGCGCGAGTACCAAGACGCCG
GCGGGAGTGGCGGCACATGGGCTCCTCCAAGGACAAGATGATGGCGGCGGGCG
CGGGAGCAGGGAACAGGAGGAGGAGGACGTGGATGAGCTGCTGGCCCGCGCTC
GGGTACAAGGTGCGTCTCGGATATGGCGGACGTCGCGAGAAGCTGGAGCAG
CTCGAGATGGCCATGGGGATGGGCGCGTGGCGCCGGCGCTACCGCTGAT
GACGGGTTCGTGTGACCTCGCCACGGACACCGTGCACTACAATCCCTCCGACC
TGTCTGCTGGGTGAGAGCATGCTGTCCGAGCTCAACGCCGCCCCAGCGCCGCT
CCCGCCCGCGACGCCGGCCCCAAGGCTCGCGTCCACATCGTCCACCGTCACAAGT
GGCGCCGCCGCCGGTCTGGCTACTTCGATCTCCGCCCGCCGTGGACTCGTCCA
GCAGTACCTACGCTCTGAAGCCGATCCCCTGCCGGTGGCGGCCGCGCTGGCCGA
CCCGTCCACGGACTCGCGCCGGAGCCCAAGCGGATGAGGACTGGCGGCCAG
CACGTCGTCTCCTCTCGTCATCCATGGATGGCGGTGCACTAGGAGCT
CCGTGGTCGAAGCTGCGCCGCCGGACGCAAGCATCCGCCGGCCAACGGGC
CCGCGGTGCCGGTGGTGGTGGACACGCAGGAGGCCGGGATCCGGCTCGTGC
ACGCGCTGCTGGCGTGCAGGAGGCCGTGCAGCAGGAGAACCTCTGCGGCCGG
AGGCGCTGGTCAAGCAGATCCCCATGCTGGCTCGCAGGGCGGTGCAATG
GCAAGGTCGCCGCTACTTCGGCGAGGCCGCTTGCCGCCGCGTGTATCGCTCCG
CCCGCCACCGGACAGCTCCCTCGACGCCGCTCGCCGACCTCTGACCG
CACTTCTACGAGTCCTGCCCTACCTGAAGTTGCCCACCTCACCGCGAACCG
CCATCCTCGAGGCCCTCGCCGGCTGCCGCCGTCCACGTCGACTTCGGCAT
CAAGCAAGGGATGCACTGGCCGGCTCTTCTCAGGCCCTGCCCTCCGCCCTGGC
GGCCCCCGTCGTTCCGGCTACCGCGCTCGGGCCGCCGAGCCGACGAGACC
GACGCCCTGCAGCAGGTGGGCTGGAAACTTGCACGAGGCCGACACCATCCG
TGGACTTCCAGTACCGTGGCCTCGTCGCGGCCACGCTCGCCGACCTGGAGCCGTT
CATGCTGCAACCGGAGGGCGATGACACGGATGACGAGGCCGAGGTGATCGCCGT
GAACCTCGTGGTCGAGCTGCACCGGCTCTGCGCAGCCCCTGCCCTCGAGAAC
GTCCTGGGCACGGTGCAGCGCGGGTGGAGGATCGTGCACCGTGGTCGAGCAG
GAGGCCAACACAACTCCGGCACGTTCTCGAGGGGCCGCCGGCTCCGGCCAGTC
CACCGACGCCCTCCCCGGCCGGCCGGCACGGACCAAGTCATGTCGGAGGT
GTACCTCGGCCGGCAGATCTGCAACGTTGGCGTGCAGGGCGCGAGCGC
GGAGCGCCACGAGACGCTGGGCCAGTGGCGCAGCCGCTCGCGCTCCGGTT
CGCGCCCGTGCACCTGGCTCCAATGCTACAAGCAGGCGAGCACGCTGCTGGC
GCTCTCGCCGGCGGCCAGGGTACAGGGTGGAGGAGAACGGACGGGTGCCTGAC
CCTGGGGTGGCATA CGCGCCCGCTCATGCCACCTCGCGTGGCGCGTGC
GCCGCCGCTCCGTGATCAGGGAGGGTGGTGGGGCTTCTGGACGCCGATCAAG
GCACACGTACGTCCCTGGCATGGCGACCCCTCCCTCGAGCTCGCCGGCACGG
GAAGCTACCCGGGGGATCCACTAATTCTAAAACGGCCCCACCGCGGTGGAAC
CACCTTTGTTCCCTTA

Figure 9b

MKREYQDAGGSGGDMGSSDKMMAAAAGAGEQEEEDVDELLAALGYKVRSSDM
ADVAQKLEQLEMAMGMGGVGGAGATADDGFVSHLATDTVHYNPSDLSSWVESML
SELNAPPAPLPPATPAPRLASTSSTVTSGAAAGAGYFDLPPAVDSSSSTYALKPIPSPV
AAPSAADPSTDASAREPKRMRTGGGSTSSSSSSMDGGRTRSSVVEAAPPATQASAAA
NGPAVPVVVVDTQEAGIRLVHALLACAEAVQQENFSAAEALVKQIPMLASSQGGAM
RKVAAYFGEALARVYRFRPPDSSLDAAFADLLHAHFYESCPYLKFAHFTANQAI
LEAFAGCRRVHVDFGIKQGMQWPALLQALALRPGGPPSFRLTVGVGPPQPDETDL
QQVGWKLAQFAHTIRVDFQYRGLVAATLADLEPFMLQPEGDDTDDEPEVIAVNSVF
ELHRLLAQPGALEKVLGTVRAVRPRIVTVVEQEAHNSGTFLDRFTESLHYYSTMFD
SLEGAGAGSGQSTDASPAAAGGTDQVMSEVYLGRQICNVVACEGAERTERHETLGQ
WRSRLGGSGFAPVHLGSNAFKQASTLLALFAGGDGYRVEEKDGCLTLGWHTRPLIA
TSAWRVAAAAAP

Figure 10

maiz-fin	M K R E Y Q D A G G	S . . G . . G D N	G S S K D K M M A	A A G A G E Q E E E	D V D E L L A A L G	Y K V R S S D M A D	55
rht-fina	M K R E Y O D A G G	S . G G G . . G D M	G S S E D K M M V S	A A F G . . . E G E	E V D E L L A A L G	Y K V R A S D M A D	55
rice-fin	M K R P T R P F A G G	S . G G G S S A D M	G S C K D K M M A G	A A G . . . E E E	D V D E L L A A L G	Y K V R S S D M A D	55
gai	M K R D H H H H H Q	D	G S C K K T W M M N	E E D . . . D G N	G M D E L L A V L G	Y K V R S S E M A D	44
maiz-fin	V A Q K L E Q L E M	A M G M G G V G G A	G A T A D D G F V S	H L A T D T V H Y N	P S D L S S W V E S	M L S E L N A P P A	115
rht-fina	V A Q K L E Q L E M	A M G M G G V G A	G A R D D S F A T	H L A T D T V H Y N	P T D L S S W V E S	M L S E L N A P P P	114
rice-fin	V A Q K L E Q L E M	A M G M G G V S R P E	G A . A D D G F V S	H L A T D T V H Y N	P S D L S S W V E S	M L S E L N A P P E	114
gai	V A Q K L E Q L E M	M M S	N V Q E D D I S	Q L A T E T V H Y N	P A B E Y T W E D S	M L T D L N P P	93
maiz-fin	P L P P A T P A P R	L A S T S S T V T S	G A A G G A G G Y F D	L P P A V D S S S S	T Y A L K P I P S P	V A A L P S A D P S	174
rht-fina	P L P P A P Q L N .	A S T S S T V T G	G . G S G C F E E	L P P S V D S S S S	T Y A L R P I P S P	A G A T A P A D L S	168
rice-fin	P F P P A P P A R	H A S T S S T V T G	G . G G S C F E E	L P P A A D S S S S	T Y A L R P I S L P	V A A T A D P S . A	171
gai						E Y D L K A I P G D	A I L N Q F A .
							114
maiz-fin	T D S A R E P P K R M	R T G G G S T S S S	S S S S S S M D G G	R T R S S V V E A A	P P A T O A S A A A	N G P A V P V V V V	234
rht-fina	D T S V R D P P K R M	R T G G S S T S S S	S S S S S S L G G G	R A R S S V V E A A	P P V V A A A A A	A T P A E P V V V V	225
rice-fin	D T S A R D T K R M	R T G G S T S S S	S S S S S S L G G G	A S R G S V V E A A	P P A T O G G A A A A	N G P A V P V V V V	231
gai	D S Q E N G M R L V	I D S A S S	S S N Q G G G G D T	Y T T N K R L K C S	N G V V E T T T A T	A E S T R H V V V V	159
maiz-fin	D T Q E A G I R L V	H A L L A C A E A V	Q Q E N F S A A E A	L V X Q I P M L A S	S Q G G A M R K V A	A Y F G E A L A R R	294
rht-fina	D T Q E A G I R L V	H A L L A C A E A V	Q Q E N F S A A E A	L V K Q I P L L A A	S Q G G A M R K V A	A Y F G E A L A R R	285
rice-fin	D T Q E A G I R L V	H A L L A C A E A V	Q Q E N F S A A E A	L V K Q I G F L A V	S Q I G A M R K V A	T Y F A E A L A R R	256
gai	D S Q E N G M R L V	H A L L A C A E A V	Q Q E N F S A A E A	L V K Q I G F L A V	S Q I G A M R K V A	T Y F A E A L A R R	219
maiz-fin	V Y R F R P P P D S	S U L D A A F A D L	L H A H F Y E S C P	Y L K F A H F T A N	Q A I L E A F A G C	R R V H V V D F G I	354
rht-fina	V E R F R P P Q D S	S U L D A A F A D L	L H A H F Y E S C P	Y L K F A H F T A N	Q A I L E A F A G C	R R V H V V D F G I	345
rice-fin	V Y R I S P S Q . . .	S P I D H S E S D T	L Q M H F Y E T C P	Y L K F A H F T A N	Q A I L E A F Q G K	K R V H V F D F S M	256
gai							277
maiz-fin	K Q G W Q W P A L L	Q A L A L R P G G P	P S F R L T G V G P	P Q P D E T D A L Q	Q V G W K L A Q F A	H T I R V D F Q Y R	414
rht-fina	K Q G W Q W P A L L	Q A L A L R P G G P	P S F R L T G V G P	P Q P D E T D A L Q	Q V G W K L A Q F A	H T I R V D F Q Y R	405
rice-fin	S Q G H Q W Q W P A L L	Q A L A L R P G G P	P V F R L T G W G P	P A P D N F D Y L H	E V G C K L A H E A	E A I H V E F E Y R	256
gai							337
maiz-fin	G L V A A T L A D L	E P F M L Q P E G .	D D T D D E P E V I	A V N S V F E L H R	L L A Q P G A L E K	V L G T V R A V R E	473
rht-fina	G L V A A T L A D L	E P E M L Q P E G E	E D P N E E P E V I	A V N S V F E M H R	L L A Q P G A L E K	V L G T V R A V R E	465
rice-fin	G M V A N T L A D L	E R S M L	E L R P S E I E S Y	A V N S V F E L H K	L L G R P G A I D K	V L G V V N Q M K P	256
gai							392

Figure 10 (Continued)

maiz-fin	RIVTVVEQEA	NHNSGTFLDR	FTESLHYYST	MFDSSLEGAGA	GSGQSTDASP	A.....AAAGGT	529
rht-fina	RIVTVVEQEA	NHNSGTFLDR	FTESLHYYST	MFDSSLEGSS	GCGPSEVSSG	AAAAPAAAAT	525
rice-fin	EIFTVVEQES	NHNSPIFLDR	FTESLHYYST	MFDSSLEGPS	GQ.....	.....	256
gai	EIFTVVEQES	NHNSPIFLDR	FTESLHYYST	MFDSSLEGPS	GQ.....	.....	434
maiz-fin	DQVNSEVYLG	RQICNVVACE	GAERTERHET	LGQWRSRLGG	SGFAPVHLGS	NAYKQASTLE	589
rht-fina	DQVNSEVYLG	RQICNVVACE	GAERTERHET	LGQWNRNLGN	AGFETVHLGS	NAYKQASTLL	585
rice-fin	DKVMSEVYLG	RQICNVVACD	GPRVERHET	LISQWRNRIGS	AGFAAHIGS	NAVKQASMLL	256
gai	DKVMSEVYLG	RQICNVVACD	GPRVERHET	LISQWRNRIGS	AGFAAHIGS	NAVKQASMLL	494
maiz-fin	ALFAGGGYR	VEEKDGCLTL	GWHTRPLIAT	SAWRMAAAA	P	630	
rht-fina	ALFAGGGYR	VEEKDGCLTL	GWHTRPLIAT	SAWRLAGP	..	623	
rice-fin	ALFNGGGYR	VEESDGCLML	GWHTRPLIAT	SAWRNSTN	..	256	
gai	ALFNGGGYR	VEESDGCLML	GWHTRPLIAT	SAWRNSTN	..	532	

Figure 11a

TACCAAGACGCCGGCGGGAGTGGCGGCGACATGGGCTCCTCCAAGGACAAGATG
ATGGCGGCGGGCGGGAGCAGGGGAACAGGAGGAGGACGTGGATGAGCT
GCTGGCCGCGCTCGGGTACAAGGTGCCTCGGATATGGCAGGGCTGGAGCA
GCTCGAGATGCCATGGGATGGCGCGTGGCGCCGGCTACCGCTGA
TGACGGGTTCTGTCGCACCTCGCCACGGACACCGTGCACTACAATCCCTCCGAC
CTGTCGTCCTGGTCGAGAGCATGCTGTCCGA

Figure 11b

YQDAGGSGGDMGSSDKMMAAAAGAGEQEEDVDELLAALGYKVRSSDMAGLEQ
LEMAMGMGGVGGAGATADDGFVSHLATDTVHYNPSDLSSWVESMLS

Figure 11c

TCCTCCAAGGACAAGATGATGGCGGCGGCGGGAGCAGGGAACAGGAGGA
GGAGGACGTGGATGAGCTGCTGGCCGCGCTCGGGTACAAGGTGCCTCGGA
TATGGCGGACGTCGCGCAGAAGCTGGAGCAGCTCGAGATGCCATGGGATGGG
CGCGTGGCGCCGGCGCTACCGCTGATGACGGGTTCTGTCGCACCTGTCG
TCCTGGGTCGAGAGCATGCTGTCCGAGCTAACGCGCCCCCAGCGCCGCTCCGC
CCGCGACGCCGGCCCCAAGGCTCGCGTCCACATCGTCCACCGTCACAAGTGGCGC
CGCCGCCGGTGCTGGCTACTCGATCTCCGCCCGCCGTGGACTC

Figure 11d

SSKDKMMAAAAGAGEQEEDVDELLAALGYKVRSSDMADVAQKLEQLEMAMGM
GGVGGAGATADDGFVSHLSSWVESMLSELNAPPAPLPPATPAPRLASTSSTVTSGAA
AGAGYFDLPPAVD

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Figure 12a

GCGGCGCTCGGGTACAAGGTGCGCGCCTCCGACATGGCGGACGTGGCGCAGAAG
CTGGAGCAGCTCGAGATGGCCATGGGGATGGGCGGCGTGGCGCCGGCGCCGCC
CCCGACGACAGCTTCGCCACCCACCTGCCACGGACACCCTGCACACTACAACCCCCA
CCGACCTGTCGTCTGGGTGAGAGCATGCTGTCGGAGCTCAACGCCCTCACCTC
CTCCACCGTCACGGCAGCGCGGCTACTCGATCTCCGCCCTCCGTCGACTCC
TCCAGCAGCATCTACGCGCTGCGGCCGATCCCCTCCCCGGCCGGCGACGGCGC
CGGCCGACCTGTCGCCGACTCCGTGCGGGATCCCAAGCGGATGCGCACTGGCG
GGAGCAGCACCTCGTCATCCTCCTCGTC

Figure 12b

AALGYKVRASDMADVAQKLEQLEMAMGMGGVGAGAAPDDSFATHLATDTVHYN
PTDLSSWVESMLSELNASTSSTVTGSGGYFDLPPSVDSSSIYALRPIPSAGATAPAD
LSADSVRDPKRMRTGGSSTSSSSSS

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